

IN THE CLAIMS:

1. (currently amended) A process for making a disposable wearing article comprising a step of securing an elastic member of an elastically stretchable in a longitudinal direction to sheet material of said disposable wearing article using an adhesive, said process further comprising:

    said step of securing the elastic member to said article includes a step of applying said adhesive to said elastic member on a peripheral surface thereof in such a way [[warmer]] as to make said adhesive draw substantially a continuous line and then securing said elastic member to said sheet material;

    said continuous line drawing a curved line on x - y plane defined by an x-axis which extends in the longitudinal direction and a y-axis being orthogonal to said x-axis and corresponding to a developed view of the peripheral surface of said elastic member so that said curved line ~~advances in the direction of said x-axis so as to undulate about said x-axis in the direction of said y-axis~~ undulates about said x-axis on said plane like a sine curve; and

    a height of the undulation being substantially equal to or larger than a circumferential length of said elastic member.

2. canceled.

3. (original) The process according to Claim 1, wherein said elastic member is bonded with or without extension to said sheet material.

4. canceled.

5. (original) The process according to Claim 1, wherein said wearing article is one of a disposable diaper, disposable training pants, a sanitary napkin, a disposable gown and disposable trousers.

6. (new) A process for making a disposable wearing article comprising a step of securing an elastic member of an elastically stretchable in a longitudinal direction to sheet material of said disposable wearing article using an adhesive, said process further comprising:

said step of securing the elastic member to said article includes a step of applying said adhesive to said elastic member on a peripheral surface thereof in such a ~~way~~ [[warmer]] as to make said adhesive draw substantially a continuous line and then securing said elastic member to said sheet material;

    said continuous line drawing a curved line on x-y plane defined by an x-axis which extends in the longitudinal direction and a y-axis being orthogonal to said x-axis and corresponding to a developed view of the peripheral surface of said elastic member so that said curved line undulates about said x-axis on said plane so as to include sections curved in an s-shape or inverted s-shape; and

    a height of the undulation being substantially equal to or larger than a circumferential length of said elastic member.

7. (new) The process according to claim 6, wherein said curved line undulates, as viewed in said developed view, substantially with a uniform cycle and an amplitude in at least a partial section of said curved line in the direction of said x-axis.

8. (new) The process according to claim 6, wherein said elastic member is bonded with or without extension to said sheet material.

9. (new) The process according to claim 6, wherein said wearing article is one

10. (new) The process according to claim 1, wherein the continuous line encircles the entire periphery of the elastic member in making the sine curve shape.

11. (new) The process according to claim 6, wherein the continuous line encircles the entire periphery of the elastic member in making the s-shape or inverted s-shape.

12. (new) The process according to claim 1, wherein the height is greater than the circumferential length of the elastic member.

Serial No.: 10/083,296

13. (new) The process according to claim 6, wherein the height is greater than the circumferential length of the elastic member.